

PRO-FORM[®]

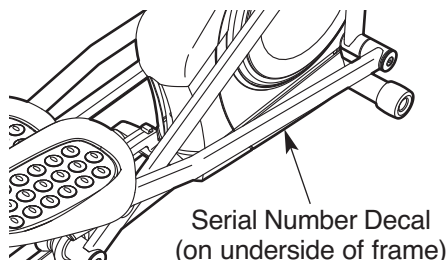
590 E

www.proform.com

Model No. PFEL05809.0

Serial No. _____

Write the serial number in the space above for reference.



QUESTIONS?

If you have questions, or if parts are damaged or missing, **DO NOT CONTACT THE STORE**; please contact Customer Care.

IMPORTANT: Please register this product (see the limited warranty on the back cover of this manual) before contacting Customer Care.

CALL TOLL-FREE:

1-888-533-1333

Mon.–Fri. 6 a.m.–6 p.m. MT

Sat. 8 a.m.–4 p.m. MT

ON THE WEB:

www.proformservice.com

CAUTION

Read all precautions and instructions in this manual before using this equipment. Keep this manual for future reference.

USER'S MANUAL

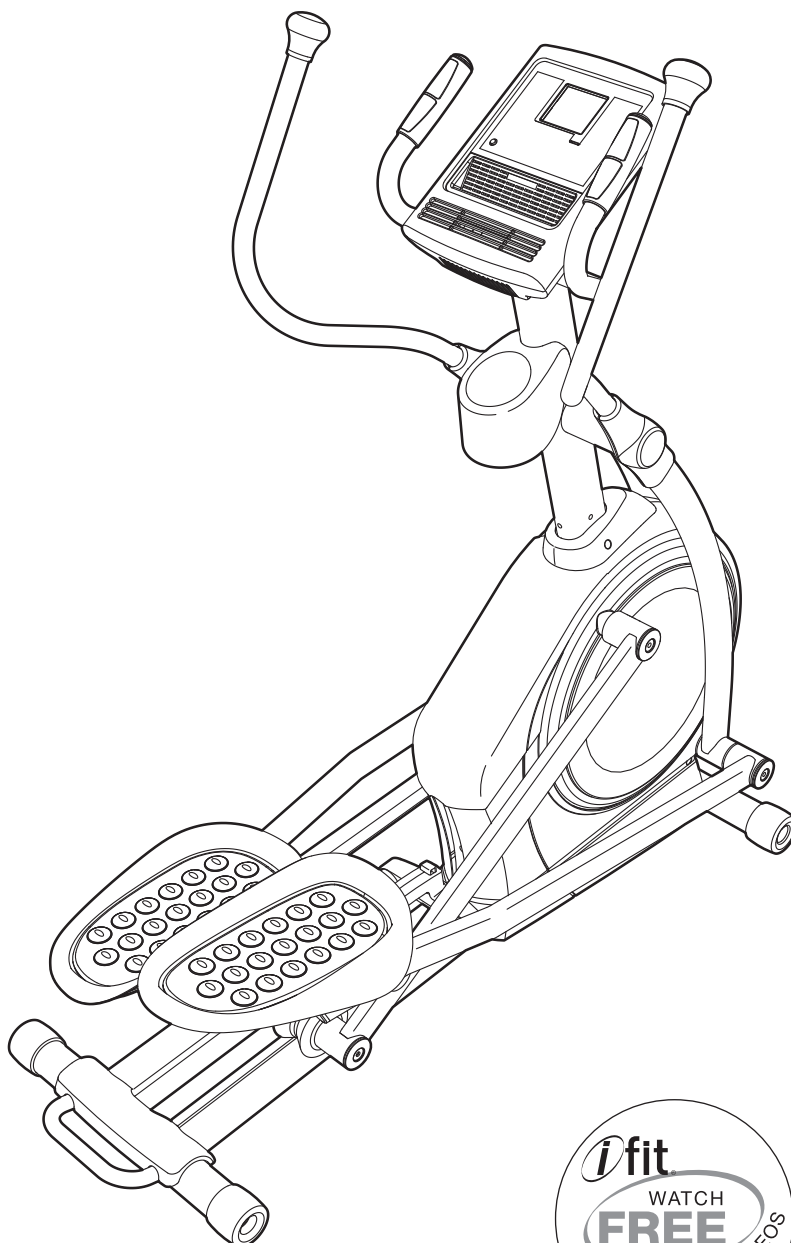
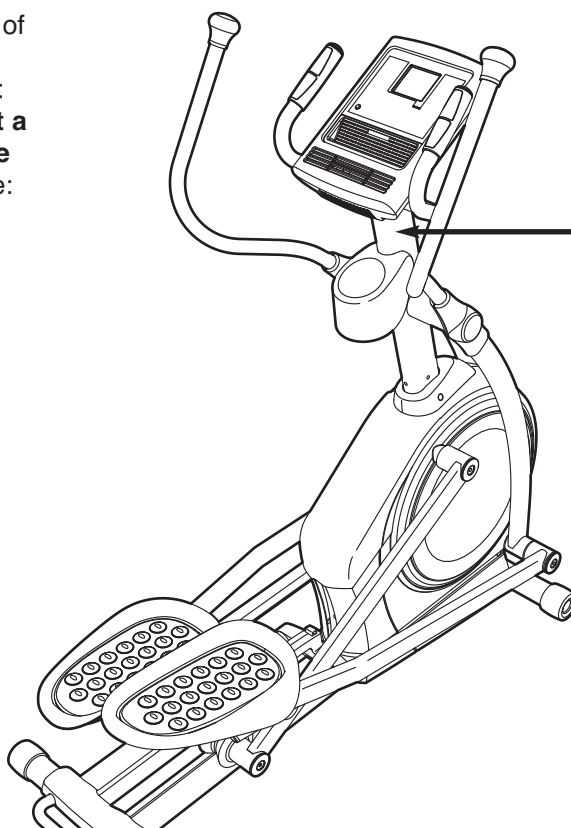


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WARNING DECAL PLACEMENT

This drawing shows the location(s) of the warning decal(s). **If a decal is missing or illegible, see the front cover of this manual and request a free replacement decal. Apply the decal in the location shown.** Note: The decal(s) may not be shown at actual size.



⚠ WARNING

- Misuse of this machine may result in serious injury.
- Read user's manual prior to use and follow all warnings and instructions.
- Do not allow children on or around machine.
- Pedals continue to spin when you stop pedaling.
- Spinning pedals can cause injury.
- Reduce pedal speed in a controlled manner.
- User weight must not exceed 300 pounds.
- Replace label if damaged, illegible, or removed.

IMPORTANT PRECAUTIONS

⚠ WARNING: To reduce the risk of serious injury, read all important precautions and instructions in this manual and all warnings on your elliptical exerciser before using your elliptical exerciser. ICON assumes no responsibility for personal injury or property damage sustained by or through the use of this product.

1. Before beginning any exercise program, consult your physician. This is especially important for persons over age 35 or persons with pre-existing health problems.
2. It is the responsibility of the owner to ensure that all users of the elliptical exerciser are adequately informed of all precautions.
3. The elliptical exerciser is intended for home use only. Do not use the elliptical exerciser in a commercial, rental, or institutional setting.
4. Keep the elliptical exerciser indoors, away from moisture and dust. Place the elliptical exerciser on a level surface, with a mat beneath it to protect the floor or carpet. Make sure that there is at least 3 ft. (0.9 m) of clearance in the front and rear of the elliptical exerciser and 2 ft. (0.6 m) on each side.
5. Inspect and properly tighten all parts regularly. Replace any worn parts immediately.
6. Keep children under age 12 and pets away from the elliptical exerciser at all times.
7. The elliptical exerciser should not be used by persons weighing more than 300 lbs. (136 kg).
8. Wear appropriate exercise clothes when exercising; do not wear loose clothes that could become caught on the elliptical exerciser. Always wear athletic shoes for foot protection.
9. Hold the handgrip pulse sensor or the handlebars when mounting, dismounting, or using the elliptical exerciser.
10. Keep your back straight while using the elliptical exerciser; do not arch your back.
11. The pulse sensor is not a medical device. Various factors, including the user's movement, may affect the accuracy of heart rate readings. The pulse sensor is intended only as an exercise aid in determining heart rate trends in general.
12. When you stop exercising, allow the pedals to slowly come to a stop.
13. If you feel pain or dizziness while exercising, stop immediately and cool down.
14. Use the elliptical exerciser only as described in this manual.

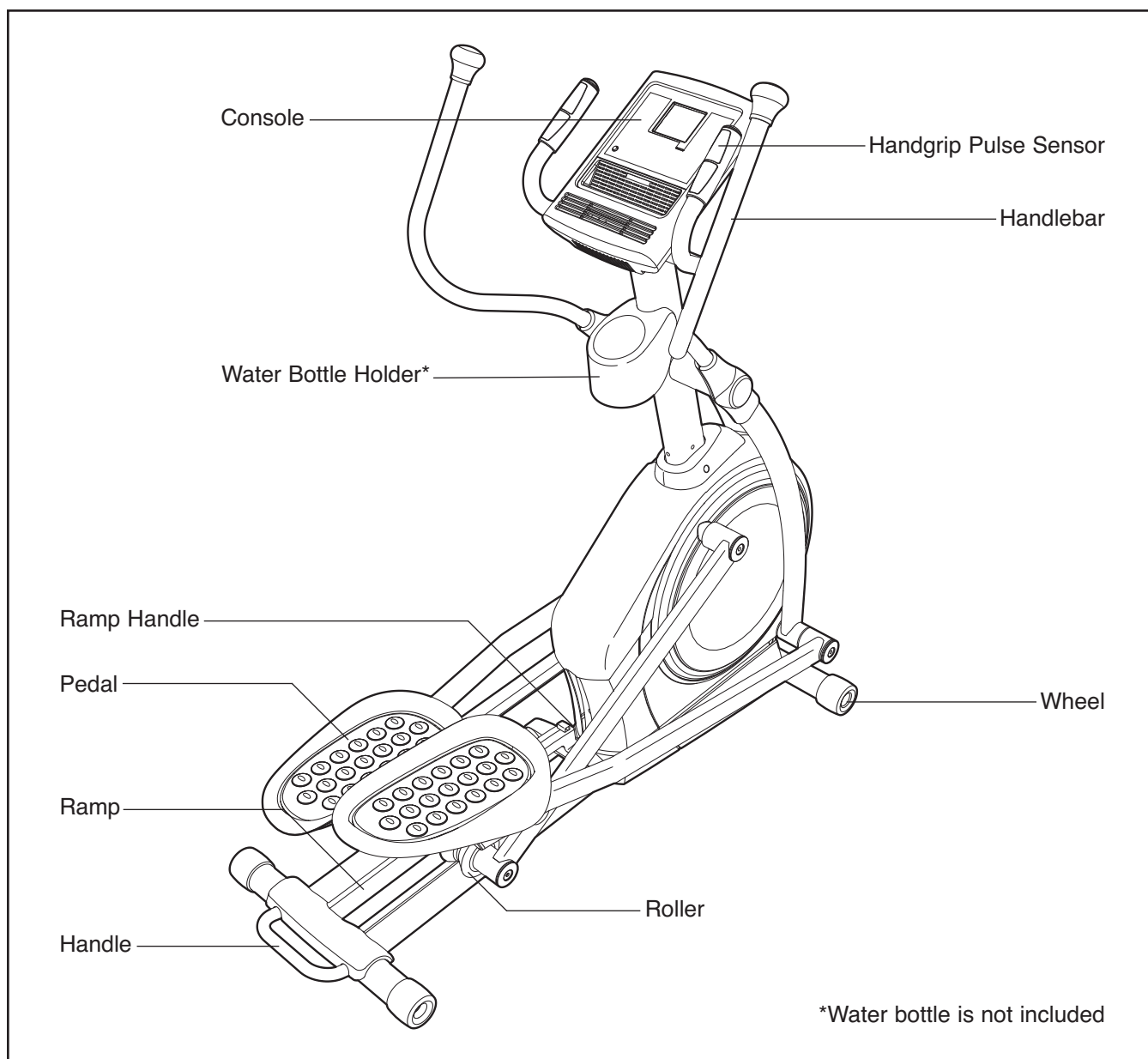
BEFORE YOU BEGIN

Thank you for selecting the revolutionary PROFORM® 590 E elliptical exerciser. The 590 E elliptical exerciser provides an impressive selection of features designed to make your workouts at home more effective and enjoyable.

For your benefit, read this manual carefully before you use the elliptical exerciser. If you have questions after reading this manual, please see the front

cover of this manual. To help us assist you, note the product model number and serial number before contacting us. The model number and the location of the serial number decal are shown on the front cover of this manual.

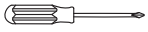


Before reading further, please familiarize yourself with the parts that are labeled in the drawing below.



ASSEMBLY

To hire an authorized service technician to assemble the elliptical exerciser, call 1-800-445-2480.

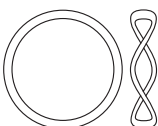
Assembly requires two persons. Place all parts of the elliptical exerciser in a cleared area and remove the packing materials. Do not dispose of the packing materials until assembly is completed.

In addition to the included tool(s), assembly requires a Phillips screwdriver , an adjustable wrench , and a rubber mallet .

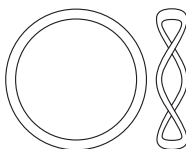
As you assemble the elliptical exerciser, use the drawings below to identify small parts. The number in parentheses below each drawing is the key number of the part, from the PART LIST near the end of this manual. The number following the parentheses is the quantity needed for assembly. **Note: If a part is not in the hardware kit, check to see if it has been preassembled.**



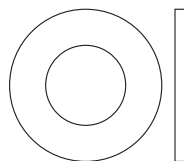
M8 Split Washer (83)–13



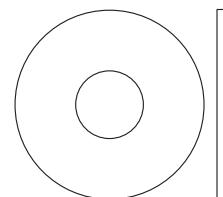
16mm Wave Washer (54)–2



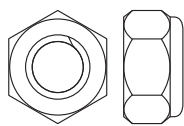
19mm Wave Washer (66)–4



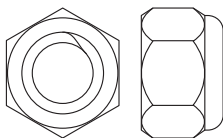
M10 Washer (95)–2



M8 x 25mm Washer (98)–6



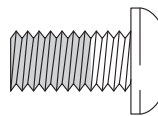
M8 Locknut (102)–4



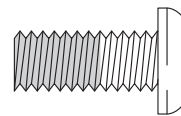
M10 Locknut (92)–2



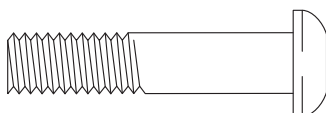
M4 x 16mm Screw (104)–10



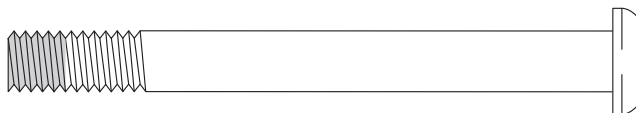
M8 x 16mm Patch Screw (110)–4



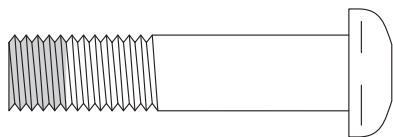
M8 x 19mm Patch Screw (82)–15



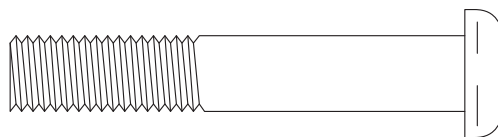
M8 x 38mm Bolt (96)–4



M8 x 80mm Patch Screw (84)–2



M10 x 45mm Patch Screw (99)–4

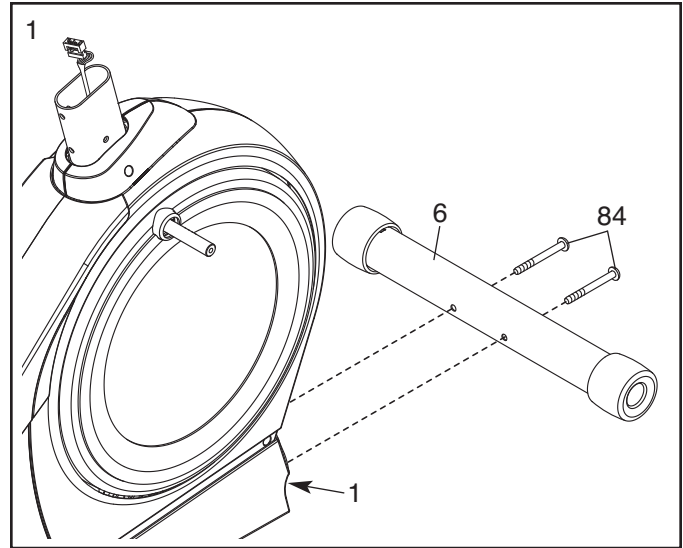


M10 x 60mm Bolt (100)–2

1.

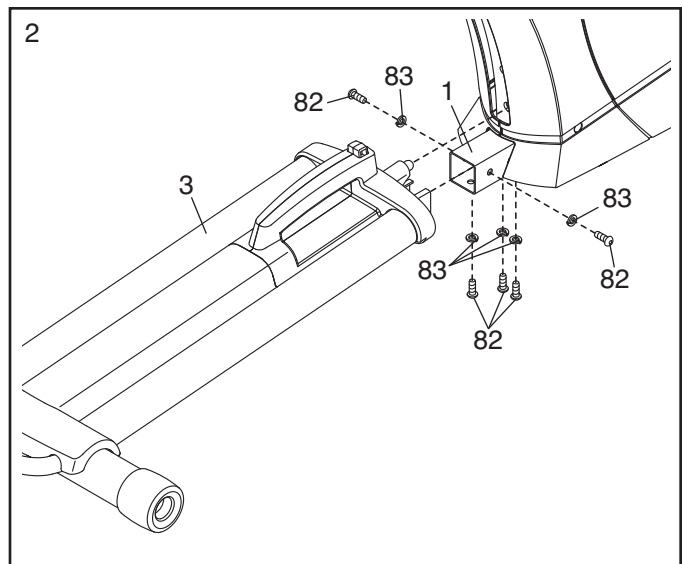
To make assembly easier, read the information on page 5 before you begin.

Attach the Front Stabilizer (6) to the Frame (1) with two M8 x 80mm Patch Screws (84).



2. Orient the Ramp (3) as shown. Then, insert the Ramp into the Frame (1).

Attach the Ramp (3) with five M8 x 19mm Patch Screws (82) and five M8 Split Washers (83).

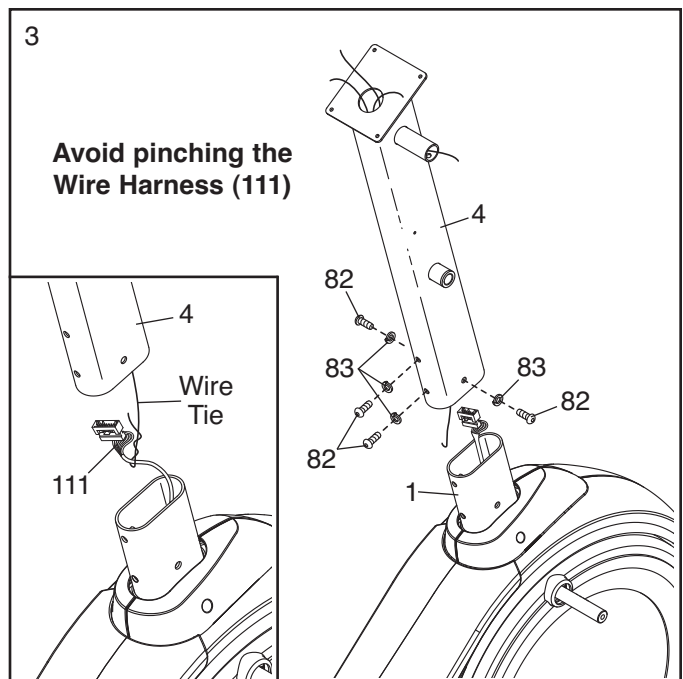


3. Have a second person hold the Upright (4) near the Frame (1).

See the inset drawing. Locate the wire tie in the lower end of the Upright (4). Tie the wire tie to the Wire Harness (111). Pull the upper end of the wire tie until the Wire Harness is routed completely through the Upright. Then, untie and discard the wire tie.

Tip: To prevent the Wire Harness (111) from falling into the Upright (4), secure the Wire Harness with a rubber band or tape.

Tip: Avoid pinching the Wire Harness (111). Slide the Upright (4) onto the Frame (1). Attach the Upright with four M8 x 19mm Patch Screws (82) and four M8 Split Washers (83). **Do not tighten the Patch Screws yet.**



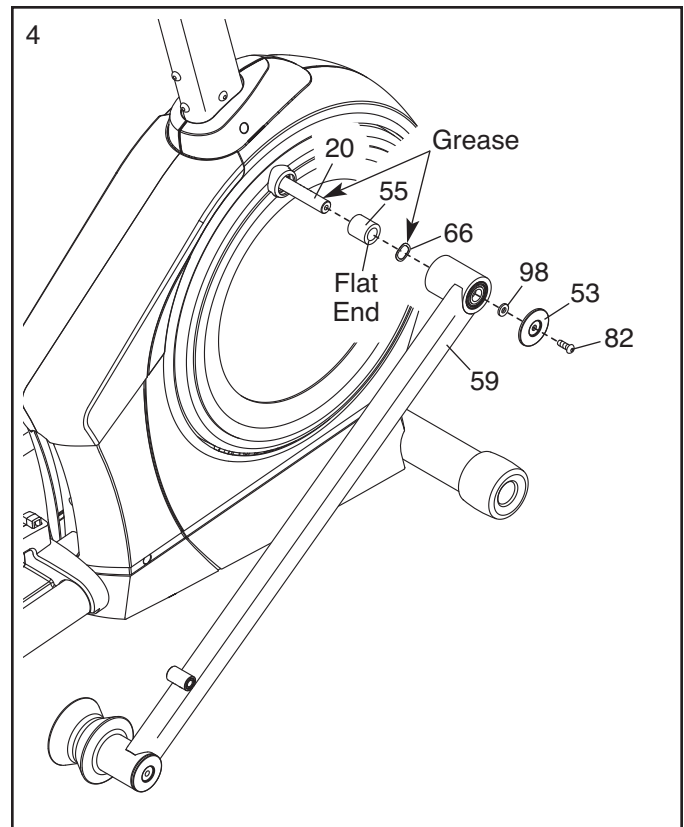
4. Apply a small amount of the included grease to the right Crank Arm (20) and to a 19mm Wave Washer (66).

Orient a Crank Arm Spacer (55) so that the flat end is facing away from the elliptical exerciser. Slide the Crank Arm Spacer and the 19mm Wave Washer (66) onto the right Crank Arm (20).

Identify the Right Roller Arm (59), which is marked with a "Right" sticker, and orient it as shown.

Slide the Right Roller Arm (59) onto the right Crank Arm (20). Attach the Right Roller Arm with an M8 x 19mm Patch Screw (82), an Axle Cover (53), and an M8 x 25mm Washer (98); **to avoid breaking the Axle Cover, do not over-tighten the Patch Screw.**

Repeat this step for the Left Roller Arm (not shown).

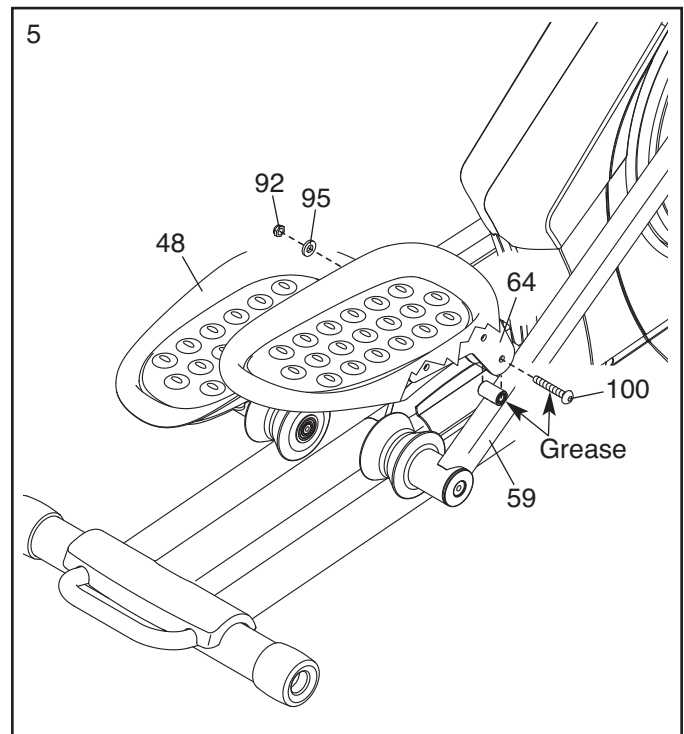


5. Identify the Right Pedal Bracket (64), which is marked with a "Right" sticker.

Apply a small amount of grease to the inside of the tube on the Right Roller Arm (59) and to the barrel of an M10 x 60mm Bolt (100).

Attach the Right Pedal Bracket (64) to the Right Roller Arm (59) with the M10 x 60mm Bolt (100), an M10 Washer (95), and an M10 Locknut (92). **Do not overtighten the Locknut; the Right Pedal Bracket must pivot freely.**

Repeat this step for the Left Pedal Bracket (48).

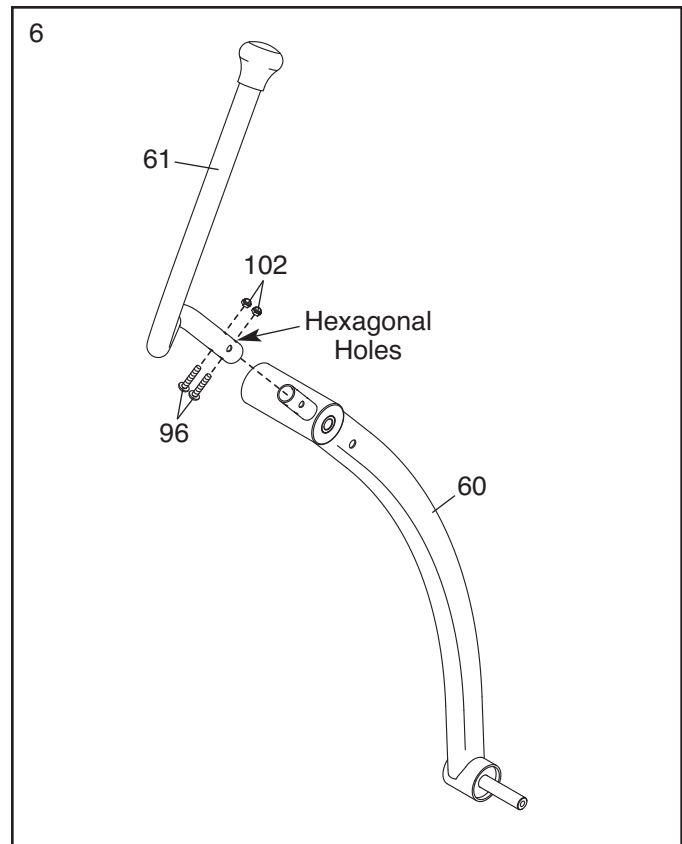


6. Identify the Right Handlebar (61) and the Right Handlebar Leg (60), which are marked with “Right” stickers, and orient them as shown. **Make sure that the hexagonal holes are in the indicated location.**

Slide the Right Handlebar (61) onto the Right Handlebar Leg (60).

Attach the Right Handlebar (61) with two M8 x 38mm Bolts (96) and two M8 Locknuts (102). **Make sure that the Locknuts are in the hexagonal holes.**

Repeat this step for the Left Handlebar (not shown) and the Left Handlebar Leg (not shown).



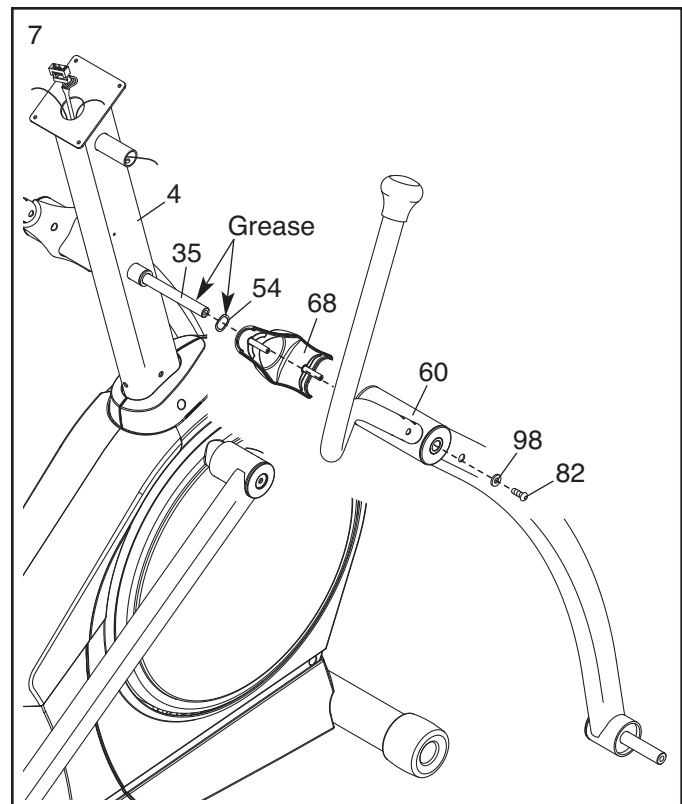
7. Apply a small amount of grease to the Pivot Axle (35) and to a 16mm Wave Washer (54).

Insert the Pivot Axle (35) through the Upright (4) and then center it.

Slide the 16mm Wave Washer (54), an Inner Handlebar Cover (68), and the Right Handlebar Leg (60) onto the right side of the Pivot Axle (35).

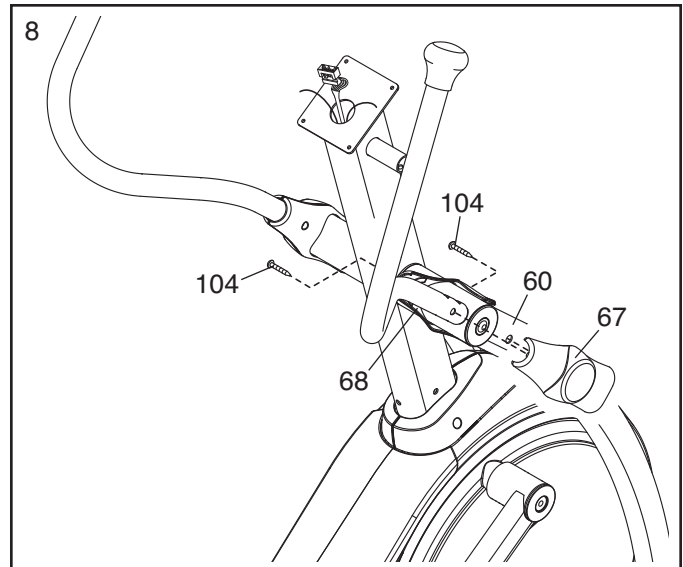
Repeat this step for the Left Handlebar Leg (not shown).

Tighten an M8 x 19mm Patch Screw (82) and an M8 x 25mm Washer (98) into each end of the Pivot Axle (35).



8. Attach an Outer Handlebar Cover (67) and the Inner Handlebar Cover (68) around the Right Handlebar Leg (60) with two M4 x 16mm Screws (104).

Repeat this step for the other side of the elliptical exerciser.



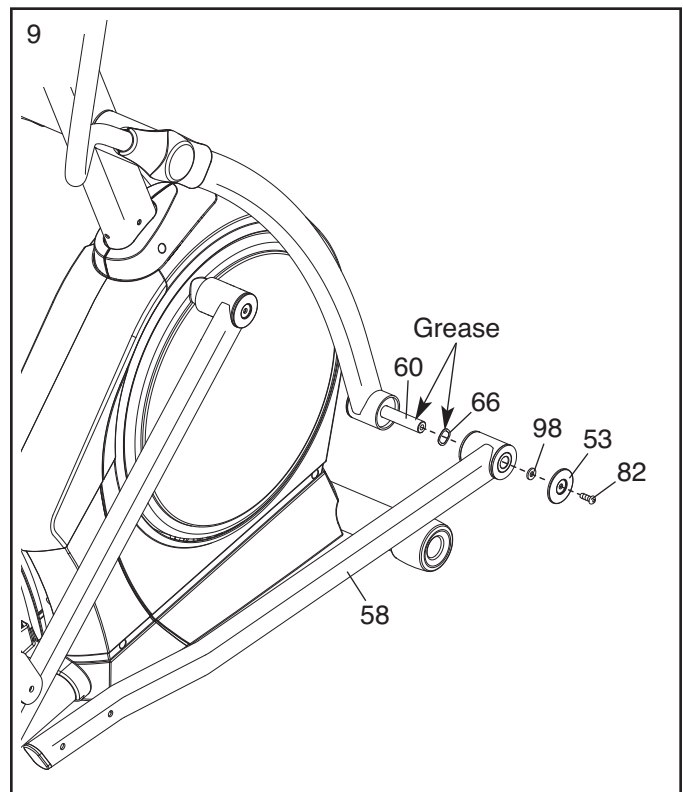
9. Apply a small amount of grease to the axle on the Right Handlebar Leg (60) and to a 19mm Wave Washer (66).

Identify the Right Pedal Arm (58), which is marked with a “Right” sticker, and orient it as shown.

Slide the 19mm Wave Washer (66) and the Right Pedal Arm (58) onto the Right Handlebar Leg (60).

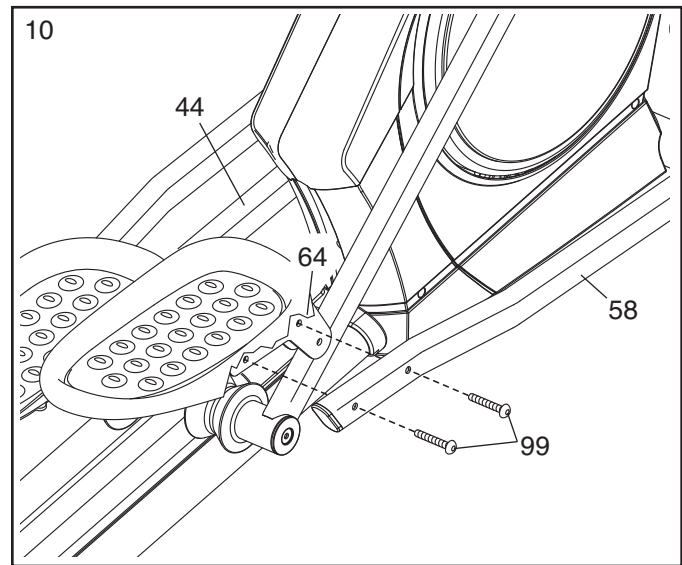
Attach the Right Pedal Arm (58) with an M8 x 19mm Patch Screw (82), an Axle Cover (53), and an M8 x 25mm Washer (98); **to avoid breaking the Axle Cover, do not overtighten the Patch Screw.**

Repeat this step for the Left Pedal Arm (not shown).



10. Attach the Right Pedal Arm (58) to the Right Pedal Bracket (64) with two M10 x 45mm Patch Screws (99).

Repeat this step for the Left Pedal Arm (44).



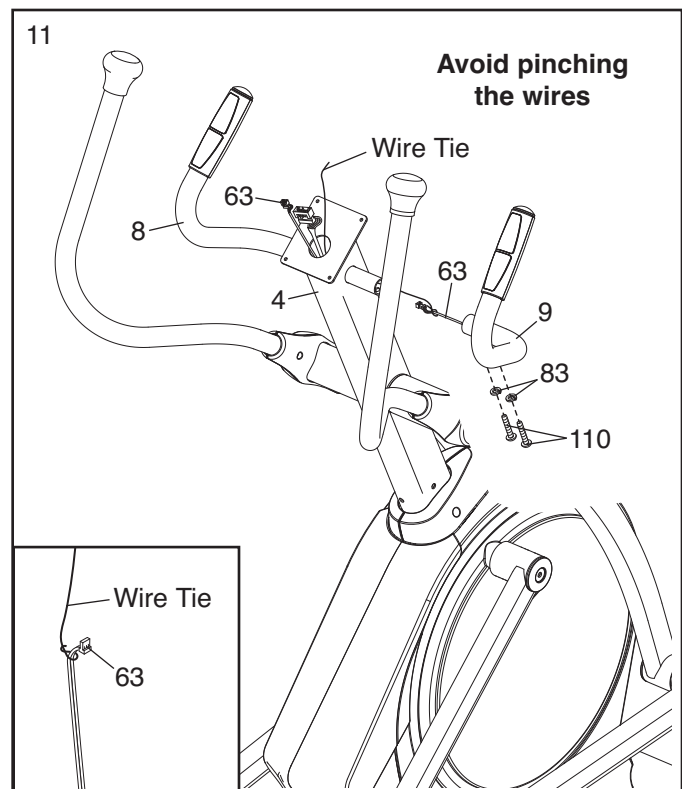
11. Identify the Right Pulse Bar (9), which is marked with a “Right” sticker.

See the inset drawing. Locate the wire tie in the Upright (4). Tie the lower end of the wire tie to the Pulse Wire (63) in the Right Pulse Bar (9). Next, pull the upper end of the wire tie until the Pulse Wire is routed through the Upright. Then, untie and discard the wire tie.

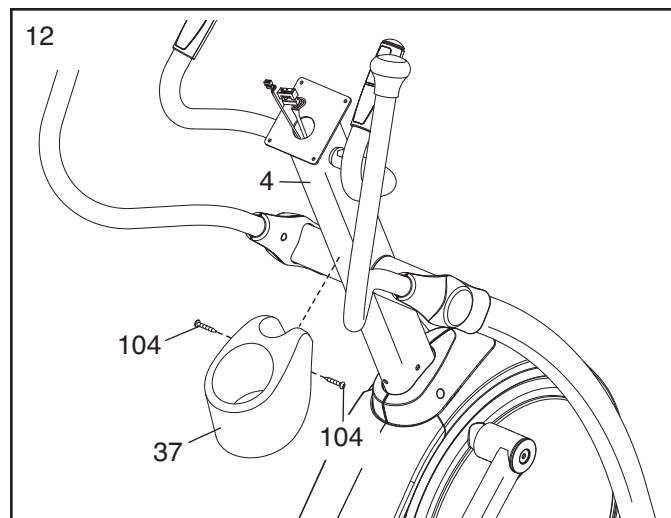
Next, slide the Right Pulse Bar (9) onto the right side of the Upright (4).

Tip: Avoid pinching the wires. Attach the Right Pulse Bar (9) with two M8 x 16mm Patch Screws (110) and two M8 Split Washers (83).

Repeat this step for the Left Pulse Bar (8).



12. Attach the Water Bottle Holder (37) to the Upright (4) with two M4 x 16mm Screws (104).

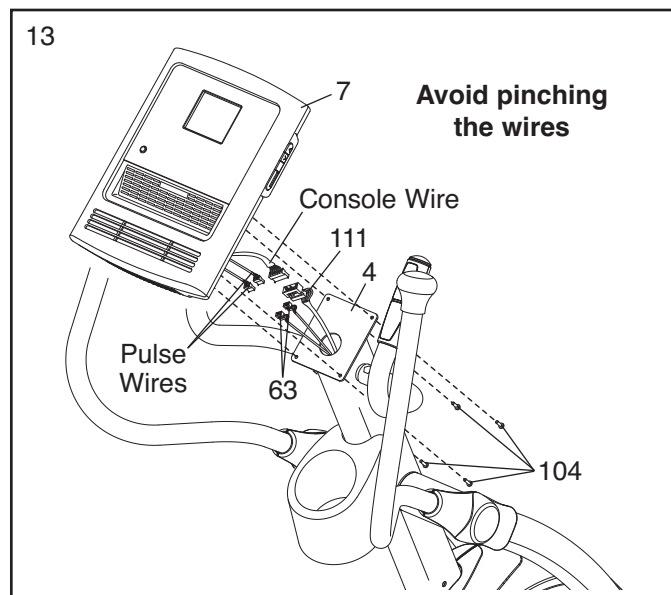


13. While a second person holds the Console (7) near the Upright (4), connect the console wire to the Wire Harness (111). Then, connect the console pulse wires to the Pulse Wires (63).

Insert the excess wire downward into the Upright (4).

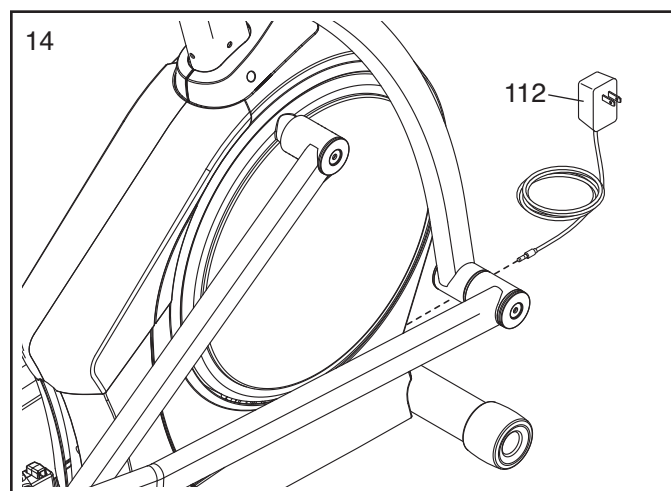
Tip: Avoid pinching the wires. Attach the Console (7) to the Upright (4) with four M4 x 16mm Screws (104).

See step 3. Tighten the M8 x 19mm Patch Screws (82).



14. Plug the Power Adapter (112) into the DC Jack (not shown) on the front of the elliptical exerciser.

To plug the Power Adapter (112) into an outlet, see **HOW TO PLUG IN THE POWER ADAPTER** on page 12.



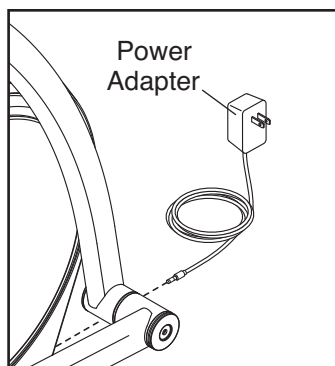
15. **Make sure that all parts are properly tightened before you use the elliptical exerciser.** Note: After assembly is completed, some extra parts may be left over. Place a mat beneath the elliptical exerciser to protect the floor.

HOW TO USE THE ELLIPTICAL EXERCISER

HOW TO PLUG IN THE POWER ADAPTER

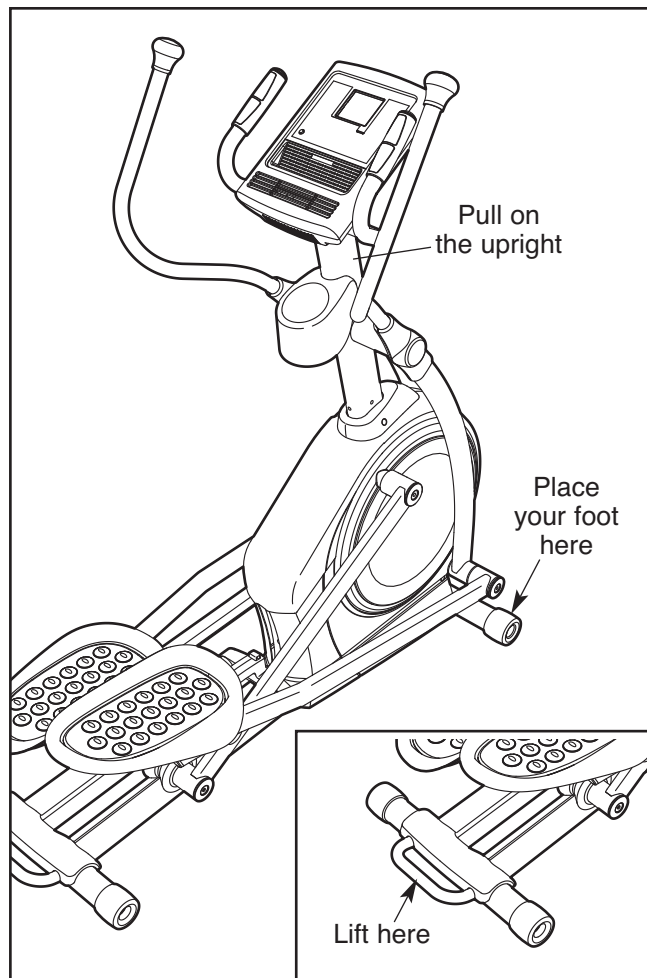
IMPORTANT: If the elliptical exerciser has been exposed to cold temperatures, allow it to warm to room temperature before plugging in the power adapter. If you do not do this, you may damage the console displays or other electronic components.

Plug the power adapter into the jack on the front of the elliptical exerciser. Then, plug the power adapter into an appropriate outlet that is properly installed in accordance with all local codes and ordinances.



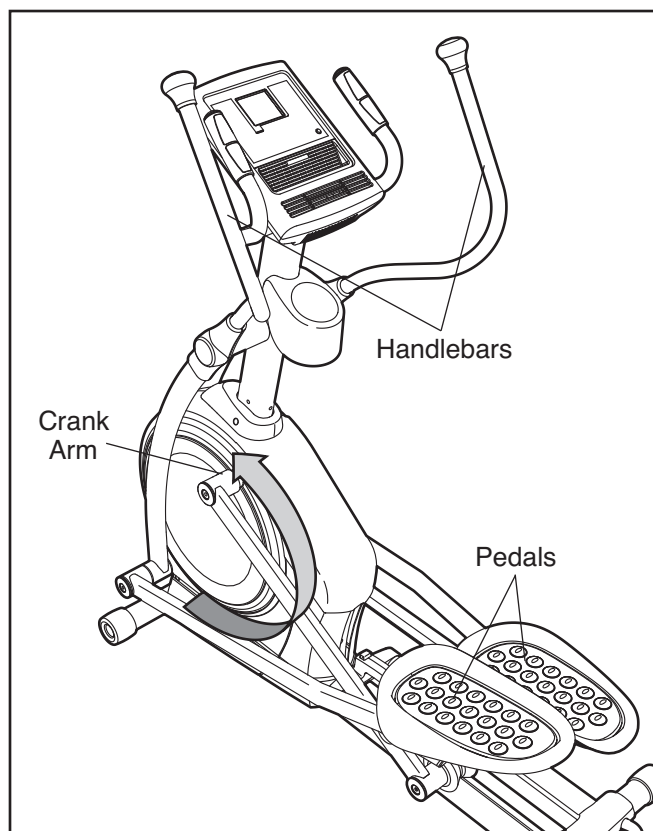
HOW TO MOVE THE ELLIPTICAL EXERCISER

Due to the size and weight of the elliptical exerciser, moving it requires two persons. Stand in front of the elliptical exerciser, hold the upright, and place one foot against one of the front wheels. Pull on the upright and have a second person lift the handle on the ramp until the elliptical exerciser will roll on the front wheels. Carefully move the elliptical exerciser to the desired location, and then lower it to the floor.



HOW TO EXERCISE ON THE ELLIPTICAL EXERCISER

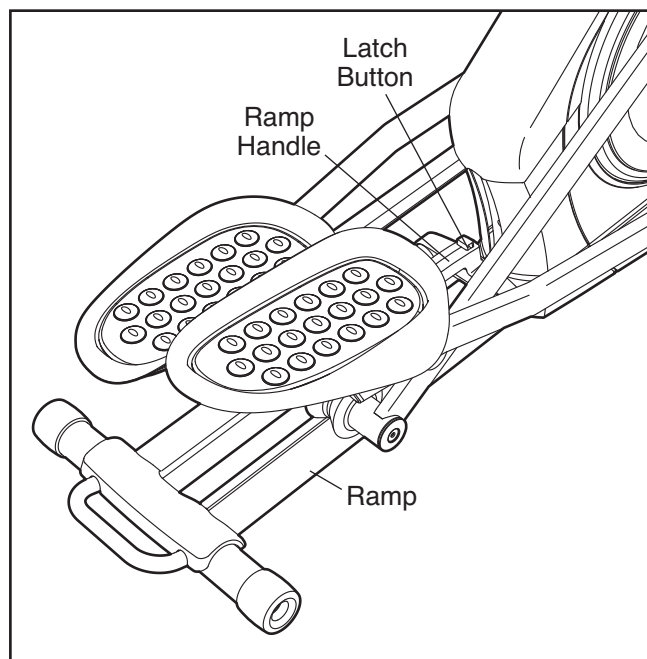
To mount the elliptical exerciser, hold the handlebars and step onto the pedal that is in the lower position. Then, step onto the other pedal. Push the pedals until they begin to move with a continuous motion. **Note:** **The crank arms can turn in either direction. It is recommended that you turn the crank arms in the direction shown by the arrow; however, for variety, you can turn the crank arms in the opposite direction.**

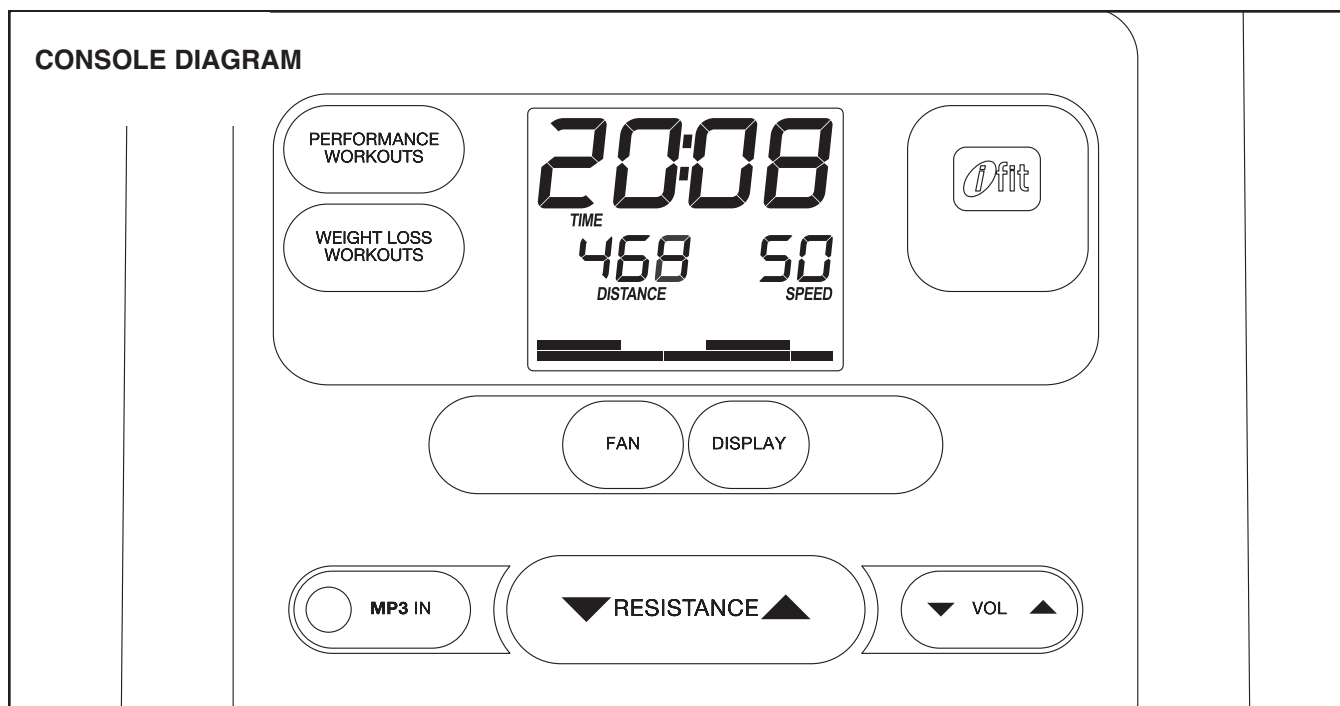


To dismount the elliptical exerciser, wait until the pedals come to a complete stop. **Note: The elliptical exerciser does not have a free wheel; the pedals will continue to move until the flywheel stops.** When the pedals are stationary, step off the higher pedal first. Then, step off the lower pedal.

HOW TO CHANGE THE INCLINE OF THE RAMP

To vary the motion of the pedals, you can change the incline of the ramp. To change the incline, press the latch button, pull the ramp handle, and raise or lower the ramp to the desired incline level. Then, release the latch button and engage the latch pin into one of the adjustment holes in the frame. The white line on the latch button must be visible or the latch pin is not fully engaged. **Make sure that the latch pin is firmly engaged in one of the adjustment holes in the frame.**





FEATURES OF THE CONSOLE

The advanced console offers an array of features designed to make your workouts more effective and enjoyable.

When you use the manual mode of the console, you can change the resistance of the pedals with the touch of a button. While you exercise, the console will display continuous exercise feedback. You can also measure your heart rate using the handgrip pulse sensor.

In addition, the console offers twenty preset workouts—six weight loss workouts and fourteen performance workouts. Each workout automatically changes the resistance of the pedals and prompts you to vary your pedaling pace as it guides you through an effective workout.

The console features the iFit interactive workout system, which enables the console to accept iFit cards containing workouts designed to help you achieve specific fitness goals. For example, lose unwanted pounds with the 8-week Weight Loss workout. iFit workouts control the resistance of the pedals while the voice of a personal trainer coaches you through your workouts. iFit cards are available separately. **To purchase iFit cards, go to www.iFit.com or see the front cover of this manual. iFit cards are also available at select stores.**

You can even connect your MP3 player or CD player to the console sound system and listen to your favorite music or audio books while you exercise.

To activate the console, see page 15. **To turn off the console**, see page 15. **To use the manual mode**, see page 15. **To use a preset workout**, see page 17. **To use an iFit workout**, see page 18. **To use the sound system**, see page 18. **To change console settings**, see page 18.

Note: If there is a sheet of clear plastic on the display, remove the plastic.

HOW TO ACTIVATE THE CONSOLE

The included power adapter must be used to operate the elliptical exerciser. See HOW TO PLUG IN THE POWER ADAPTER on page 12. When the power adapter is plugged in, the displays will turn on and the console will be ready for use.

HOW TO TURN OFF THE CONSOLE

If the pedals do not move for several seconds, a tone will sound and the console will pause.

If the pedals do not move for several minutes and the buttons are not pressed, the console will turn off and the display will be reset.

When you are finished exercising, unplug the power adapter. **IMPORTANT: If you do not do this, the electrical components on the elliptical exerciser may wear prematurely.**

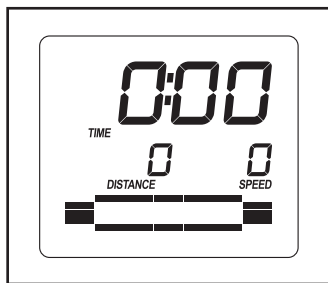
HOW TO USE THE MANUAL MODE

1. **Begin pedaling or press any button on the console to turn on the console.**

See HOW TO ACTIVATE THE CONSOLE above.

2. **Select the manual mode.**

Each time you turn on the console, the manual mode will be selected. If you have selected a workout, reselect the manual mode by pressing any of the Workouts buttons repeatedly until zeros appear in the display.



3. **Change the resistance of the pedals as desired.**

As you pedal, change the resistance of the pedals by pressing the Resistance Increase and Decrease buttons.



Note: After you press the buttons, it will take a moment for the pedals to reach the selected resistance level.

4. **Follow your progress with the display.**

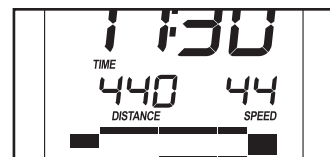
The lower left display—This display

can show the elapsed time and the distance (total number of revolutions) that you have pedaled. Note: When a workout is selected, the display will show the time remaining in the workout instead of the elapsed time.



The lower right display—This display

can show your pedaling speed (in revolutions per minute) and the approximate number of calories that you have burned.



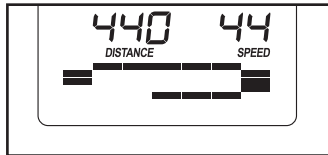
This display also shows your heart rate when you use the handgrip pulse sensor (see step 5 on page 16).

The upper display—This display can show the elapsed time, the distance that you have pedaled, your pedaling speed, and the approximate number of calories you have burned.



Press the Display button repeatedly until the upper display shows the information that you are most interested in viewing. Note: While information is shown in the upper display, the same information will not be shown in the lower left or lower right display.

The lower display—This display will show a track representing 640 revolutions (1/4 mile or 400 meters).

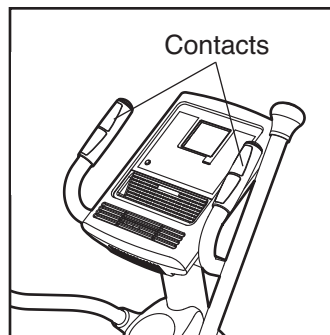


As you exercise, indicators will appear in succession around the track until the entire track appears. The track will then disappear and the indicators will again begin to appear in succession.

To change the volume level of the console, press the Vol increase and decrease buttons.

5. Measure your heart rate if desired.

If there are sheets of clear plastic on the metal contacts on the handgrip pulse sensor, remove the plastic. To measure your heart rate, hold the handgrip pulse sensor with your palms resting against the metal contacts. **Avoid moving your hands or gripping the contacts tightly.**



When your pulse is detected, a flashing heart symbol will appear in the display, and then your heart rate will



appear. For the most accurate heart rate reading, hold the contacts for at least 15 seconds. Note: If you continue to hold the handgrip pulse sensor, the display will show your heart rate for up to 30 seconds.

If the display does not show your heart rate, make sure that your hands are positioned as described. Be careful not to move your hands excessively or to squeeze the metal contacts tightly. For optimal performance, clean the metal contacts using a soft cloth; **never use alcohol, abrasives, or chemicals to clean the contacts.**

6. Turn on the fan if desired.

The fan has high and low speed settings. Press the Fan button repeatedly to select a fan speed or to turn off the fan.

Note: If the pedals do not move for about thirty seconds, the fan will turn off automatically.

7. When you are finished using the elliptical exerciser, the console will turn off automatically.

See HOW TO TURN OFF THE CONSOLE on page 15.

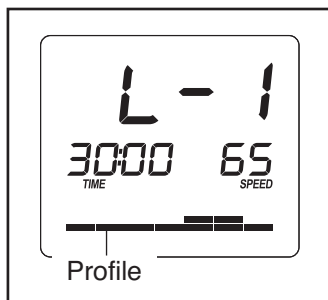
HOW TO USE A PRESET WORKOUT

1. **Begin pedaling or press any button on the console to turn on the console.**

See HOW TO ACTIVATE THE CONSOLE on page 15.

2. **Select a preset workout.**

To select a preset workout, press the Performance Workouts button or the Weight Loss Workouts button repeatedly until the name of the desired workout appears in the display.



The workout duration, the maximum speed, and a profile of the resistance levels will also appear in the display.

3. **Begin pedaling to start the workout.**

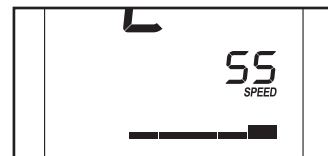
Each workout is divided into 20, 30 or 45 one-minute segments. One resistance level and one target speed is programmed for each segment. Note: The same resistance level and/or target speed may be programmed for consecutive segments.

The resistance level for the first segment will appear in the display and the target speed for the first segment will flash in the display for a few seconds.

During the workout, the workout profile will show your progress (see the drawing above). The flashing segment of the profile represents the current segment of the workout. The height of the flashing segment indicates the resistance level for the current segment.

At the end of each segment of the workout, a series of tones will sound and the next segment of the profile will begin to flash. If a different resistance level and/or target speed is programmed for the next segment, the resistance level and/or target speed will appear in the display for a few seconds to alert you. The resistance of the pedals will then change.

As you exercise, keep your pedaling speed near the target speed for the current segment. At the beginning of each segment, the target speed for the segment will flash in the display.



IMPORTANT: The target speed is intended only to provide motivation. Your actual pedaling speed may be slower than the target speed. Make sure to pedal at a speed that is comfortable for you.

If the resistance level for the current segment is too high or too low, you can manually override the setting by pressing the Resistance buttons.

IMPORTANT: When the current segment of the workout ends, the pedals will automatically adjust to the resistance level programmed for the next segment.

The workout will continue in this way until the last segment ends. To stop the workout at any time, stop pedaling. A tone will sound and the time will stop counting. To restart the workout, simply resume pedaling.

4. **Follow your progress with the display.**

See step 4 on pages 15 and 16.

5. **Measure your heart rate if desired.**

See step 5 on page 16.

6. **Turn on the fan if desired.**

See step 6 on page 16.

7. **When you are finished using the elliptical exerciser, the console will turn off automatically.**

See HOW TO TURN OFF THE CONSOLE on page 15.

HOW TO USE AN iFIT WORKOUT

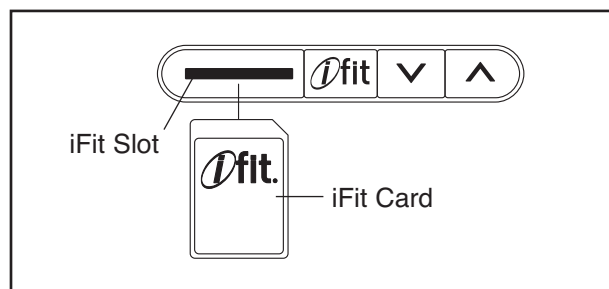
iFit cards are available separately. To purchase iFit cards, go to www.iFit.com or see the front cover of this manual. iFit cards are also available at select stores.

1. Begin pedaling or press any button on the console to turn on the console.

See HOW TO ACTIVATE THE CONSOLE on page 15.

2. Insert an iFit card and select a workout.

To use an iFit workout, insert an iFit card into the iFit slot located on the side of the console; make sure that the iFit card is oriented so that the metal contacts are face down and are facing the slot. When the iFit card is properly inserted, the indicator next to the slot will turn on and text will appear in the display.



Next, select the desired workout on the iFit card by pressing the increase and decrease buttons next to the iFit slot.

A moment after you select a workout, the voice of a personal trainer will begin guiding you through your workout.

iFit workouts function in the same way as preset workouts. To use the workout, see steps 3 to 7 on page 17.

3. When you are finished exercising, remove the iFit card.

Remove the iFit card when you are finished exercising. Store the iFit card in a secure place.

HOW TO USE THE SOUND SYSTEM

To play music or audio books through the console sound system while you exercise, plug the included audio cable into the jack on the console and into a jack on your MP3 player or CD player; **make sure that the audio cable is fully plugged in.**

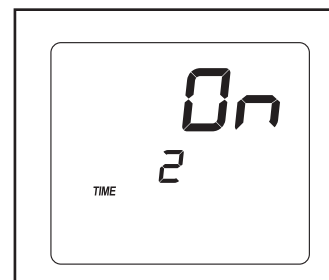
Next, press the play button on your MP3 player or CD player. Adjust the volume level using the volume control on your MP3 player or CD player.

HOW TO CHANGE CONSOLE SETTINGS

The console features a user mode that allows you to select a backlight option for the console and to view console usage information.

To select the user mode, press and hold down the Display button for a few seconds until the user mode information appears in the display.

The console has three backlight options. The ON option keeps the backlight on while the console is on. The AUTO option keeps the backlight on only while you are pedaling. The OFF option turns the backlight off.



The upper display will show the currently selected backlight option. Press the Resistance increase button repeatedly to select the desired backlight option.

The lower left display will show the total number of hours that the console has been used since the elliptical exerciser was purchased.

Press the Display button to save the console settings and exit the user mode.

MAINTENANCE AND TROUBLESHOOTING

Inspect and tighten all parts of the elliptical exerciser regularly. Replace any worn parts immediately.

To clean the elliptical exerciser, use a damp cloth and a small amount of mild soap. **IMPORTANT: To avoid damage to the console, keep liquids away from the console and keep the console out of direct sunlight.**

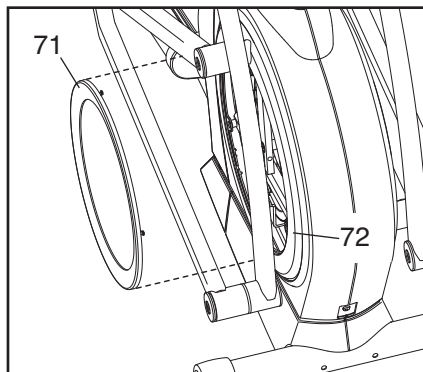
CONSOLE TROUBLESHOOTING

If the console does not display your heart rate when you hold the handgrip pulse sensor, or if the displayed heart rate appears to be too high or too low, see step 5 on page 16.

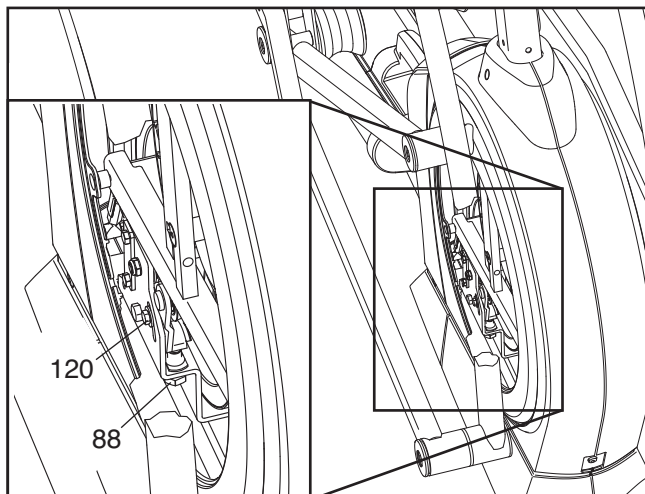
HOW TO ADJUST THE DRIVE BELT

If the pedals slip while you are pedaling, even while the resistance is adjusted to the highest level, the drive belt may need to be adjusted. To adjust the drive belt, first use a flat screwdriver

to rotate the right Disc (71) counterclockwise. Then, remove the right Disc from the right Disc Mount (72).



Locate and loosen the Idler Bolt (120). Next, tighten the Belt Adjustment Screw (88) until the Drive Belt (not shown) is tight. Then, retighten the Idler Bolt.

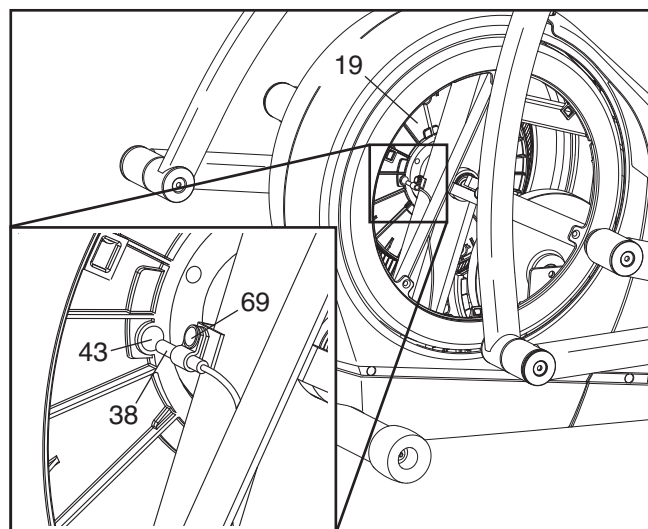


Reattach the right disc by rotating it clockwise into the right disc mount.

HOW TO ADJUST THE REED SWITCH

If the console does not display correct feedback, the reed switch should be adjusted. To adjust the reed switch, first use a flat screwdriver to rotate the left disc counterclockwise. Then, remove the left disc from the left disc mount.

Next, locate the Reed Switch (38). Turn the Pulley (19) until one of the Magnets (43) on the Pulley is aligned with the Reed Switch. Loosen, but do not remove, the M4 x 16mm Reed Switch Screw (69). Slide the Reed Switch slightly closer to or away from the Magnet. Then, retighten the Reed Switch Screw. Turn the Pulley for a moment. Repeat until the console displays correct feedback.



Reattach the left disc by rotating it clockwise into the left disc mount.

HOW TO GREASE THE ROLLERS

See the EXPLODED DRAWING near the end of this manual. If the Rollers (51) squeak when moving on the Ramp (3), apply a small amount of white marine grease equally to each Roller. Spread the grease evenly around the Rollers. Pedal the elliptical exerciser until a thin film of grease is distributed along the Ramp; then, wipe off any excess grease.

EXERCISE GUIDELINES

⚠ WARNING: Before beginning this or any exercise program, consult your physician. This is especially important for persons over age 35 or persons with pre-existing health problems.

The pulse sensor is not a medical device. Various factors may affect the accuracy of heart rate readings. The pulse sensor is intended only as an exercise aid in determining heart rate trends in general.

These guidelines will help you to plan your exercise program. For detailed exercise information, obtain a reputable book or consult your physician. Remember, proper nutrition and adequate rest are essential for successful results.

EXERCISE INTENSITY

Whether your goal is to burn fat or to strengthen your cardiovascular system, exercising at the proper intensity is the key to achieving results. You can use your heart rate as a guide to find the proper intensity level. The chart below shows recommended heart rates for fat burning and aerobic exercise.

165	155	145	140	130	125	115	♥
145	138	130	125	118	110	103	♥
125	120	115	110	105	95	90	♥
20	30	40	50	60	70	80	

To find the proper intensity level, find your age at the bottom of the chart (ages are rounded off to the nearest ten years). The three numbers listed above your age define your “training zone.” The lowest number is the heart rate for fat burning, the middle number is the heart rate for maximum fat burning, and the highest number is the heart rate for aerobic exercise.

Burning Fat—To burn fat effectively, you must exercise at a low intensity level for a sustained period of time. During the first few minutes of exercise, your body uses *carbohydrate calories* for energy. Only after the first few minutes of exercise does your body begin to use stored *fat calories* for energy. If your goal is to burn fat, adjust the intensity of your exercise until your heart rate is near the lowest number in your training zone. For maximum fat burning, exercise with your heart rate near the middle number in your training zone.

Aerobic Exercise—If your goal is to strengthen your cardiovascular system, you must perform aerobic exercise, which is activity that requires large amounts of oxygen for prolonged periods of time. For aerobic exercise, adjust the intensity of your exercise until your heart rate is near the highest number in your training zone.

WORKOUT GUIDELINES

Warming Up—Start with 5 to 10 minutes of stretching and light exercise. A warm-up increases your body temperature, heart rate, and circulation in preparation for exercise.

Training Zone Exercise—Exercise for 20 to 30 minutes with your heart rate in your training zone. (During the first few weeks of your exercise program, do not keep your heart rate in your training zone for longer than 20 minutes.) Breathe regularly and deeply as you exercise—never hold your breath.

Cooling Down—Finish with 5 to 10 minutes of stretching. Stretching increases the flexibility of your muscles and helps to prevent post-exercise problems.

EXERCISE FREQUENCY

To maintain or improve your condition, complete three workouts each week, with at least one day of rest between workouts. After a few months of regular exercise, you may complete up to five workouts each week, if desired. Remember, the key to success is to make exercise a regular and enjoyable part of your everyday life.

SUGGESTED STRETCHES

The correct form for several basic stretches is shown at the right. Move slowly as you stretch—never bounce.

1. Toe Touch Stretch

Stand with your knees bent slightly and slowly bend forward from your hips. Allow your back and shoulders to relax as you reach down toward your toes as far as possible. Hold for 15 counts, then relax. Repeat 3 times. Stretches: Hamstrings, backs of knees, and back.

2. Hamstring Stretch

Sit with one leg extended. Bring the sole of the opposite foot toward you and rest it against the inner thigh of your extended leg. Reach toward your toes as far as possible. Hold for 15 counts, then relax. Repeat 3 times for each leg. Stretches: Hamstrings, lower back, and groin.

3. Calf/Achilles Stretch

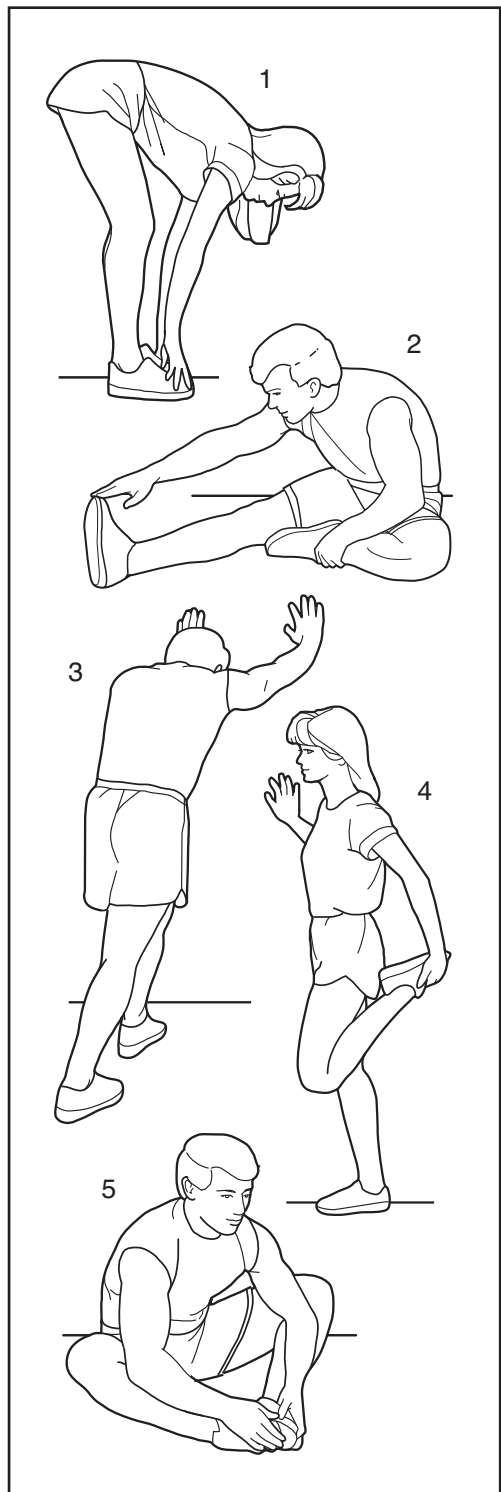
With one leg in front of the other, reach forward and place your hands against a wall. Keep your back leg straight and your back foot flat on the floor. Bend your front leg, lean forward, and move your hips toward the wall. Hold for 15 counts, then relax. Repeat 3 times for each leg. To cause further stretching of the achilles tendons, bend your back leg as well. Stretches: Calves, achilles tendons, and ankles.

4. Quadriceps Stretch

With one hand against a wall for balance, reach back and grasp one foot with your other hand. Bring your heel as close to your buttocks as possible. Hold for 15 counts, then relax. Repeat 3 times for each leg. Stretches: Quadriceps and hip muscles.

5. Inner Thigh Stretch

Sit with the soles of your feet together and your knees outward. Pull your feet toward your groin as far as possible. Hold for 15 counts, then relax. Repeat 3 times. Stretches: Quadriceps and hip muscles.



NOTES

PART LIST—Model No. PFEL05809.0

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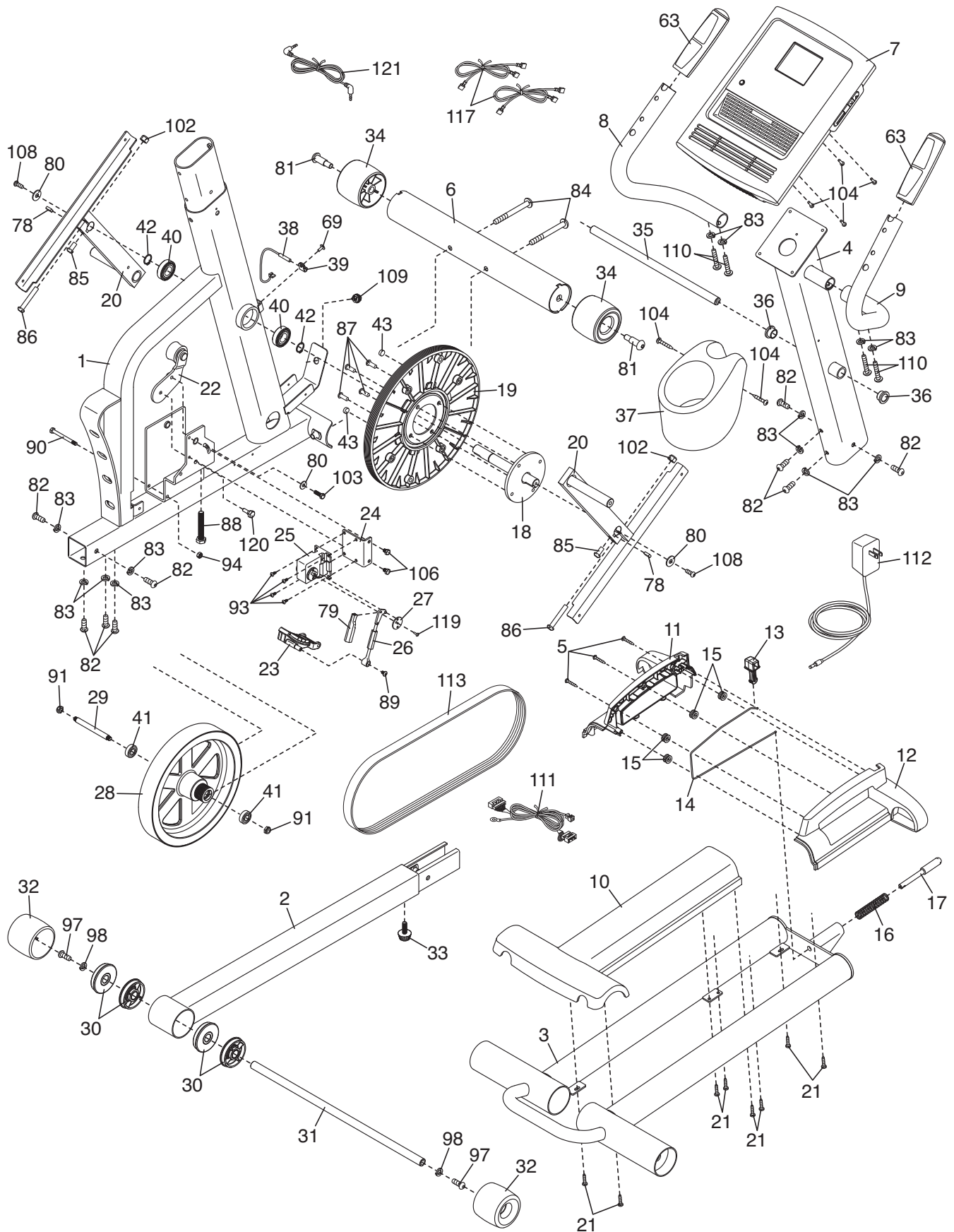
Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Frame	51	2	Roller
2	1	Base	52	2	Pedal Arm Cap
3	1	Ramp	53	8	Axle Cover
4	1	Upright	54	2	16mm Wave Washer
5	3	M4 x 19mm Screw	55	2	Crank Arm Spacer
6	1	Front Stabilizer	56	2	Pedal Bracket Spacer
7	1	Console	57	4	Pedal Arm Bushing
8	1	Left Pulse Bar	58	1	Right Pedal Arm
9	1	Right Pulse Bar	59	1	Right Roller Arm
10	1	Track Cover	60	1	Right Handlebar Leg
11	1	Left Latch Cover	61	1	Right Handlebar
12	1	Right Latch Cover	62	2	Handlebar Cap
13	1	Latch Button	63	2	Pulse Sensor Assembly
14	1	Latch Cable	64	1	Right Pedal Bracket
15	4	Cable Pulley	65	6	M6 x 25mm Flat Head Screw
16	1	Latch Spring	66	4	19mm Wave Washer
17	1	Latch Pin	67	2	Outer Handlebar Cover
18	1	Crank	68	2	Inner Handlebar Cover
19	1	Pulley	69	1	M4 x 16mm Reed Switch Screw
20	2	Crank Arm	70	2	Inner Pivot Bushing
21	8	M4 x 16mm Flange Screw	71	2	Disc
22	1	Idler	72	2	Disc Mount
23	1	C-magnet Bracket	73	1	Left Shield
24	1	Motor Bracket	74	1	Right Shield
25	1	Resistance Motor	75	1	Shield Cover
26	1	Adjustment Assembly	76	4	V-clip
27	1	Resistance Disc	77	2	Roller Spacer
28	1	Flywheel	78	2	Key
29	1	Flywheel Axle	79	1	Adjustment Lock
30	4	Stabilizer Bushing	80	3	M6 Washer
31	1	Stabilizer Axle	81	2	M10 Shoulder Screw
32	2	Stabilizer Cap	82	15	M8 x 19mm Patch Screw
33	1	Foot	83	13	M8 Split Washer
34	2	Wheel	84	2	M8 x 80mm Patch Screw
35	1	Pivot Axle	85	2	M6 x 12mm Hex Patch Screw
36	4	Pivot Bushing	86	2	M8 x 48mm Hex Bolt
37	1	Water Bottle Holder	87	4	M8 x 13mm Screw
38	1	Reed Switch	88	1	Belt Adjustment Screw
39	1	Clamp	89	1	M5 x 7mm Screw
40	6	R12 Bearing	90	1	C-magnet Bracket Bolt
41	2	Flywheel Bearing	91	2	M8 Jam Nut
42	4	Snap Ring	92	2	M10 Locknut
43	2	Magnet	93	4	Resistance Motor Screw
44	1	Left Pedal Arm	94	1	M6 Locknut
45	1	Left Roller Arm	95	2	M10 Washer
46	1	Left Handlebar Leg	96	4	M8 x 38mm Bolt
47	1	Left Handlebar	97	8	M8 x 19mm Patch Screw
48	1	Left Pedal Bracket	98	8	M8 x 25mm Washer
49	1	Left Pedal	99	4	M10 x 45mm Patch Screw
50	1	Left Pedal Insert	100	2	M10 x 60mm Bolt

Key No.	Qty.	Description	Key No.	Qty.	Description
101	2	M8 x 20mm Washer	113	1	Drive Belt
102	6	M8 Locknut	114	2	Foam Grip
103	1	Pivot Screw	115	1	Right Pedal
104	16	M4 x 16mm Screw	116	1	Right Pedal Insert
105	8	M4 x 12mm Screw	117	2	Pulse Wire
106	2	Motor Bracket Screw	118	2	Upper Bushing
107	4	Roller Arm Bushing	119	1	M3.5 x 12mm Screw
108	10	M6 x 13mm Screw	120	1	Idler Bolt
109	1	DC Jack	121	1	Audio Cable
110	4	M8 x 16mm Patch Screw	*	—	Assembly Tool
111	1	Wire Harness	*	—	Grease Packet
112	1	Power Adapter	*	—	User's Manual

Note: Specifications are subject to change without notice. For information about ordering replacement parts, see the back cover of this manual. *These parts are not illustrated.

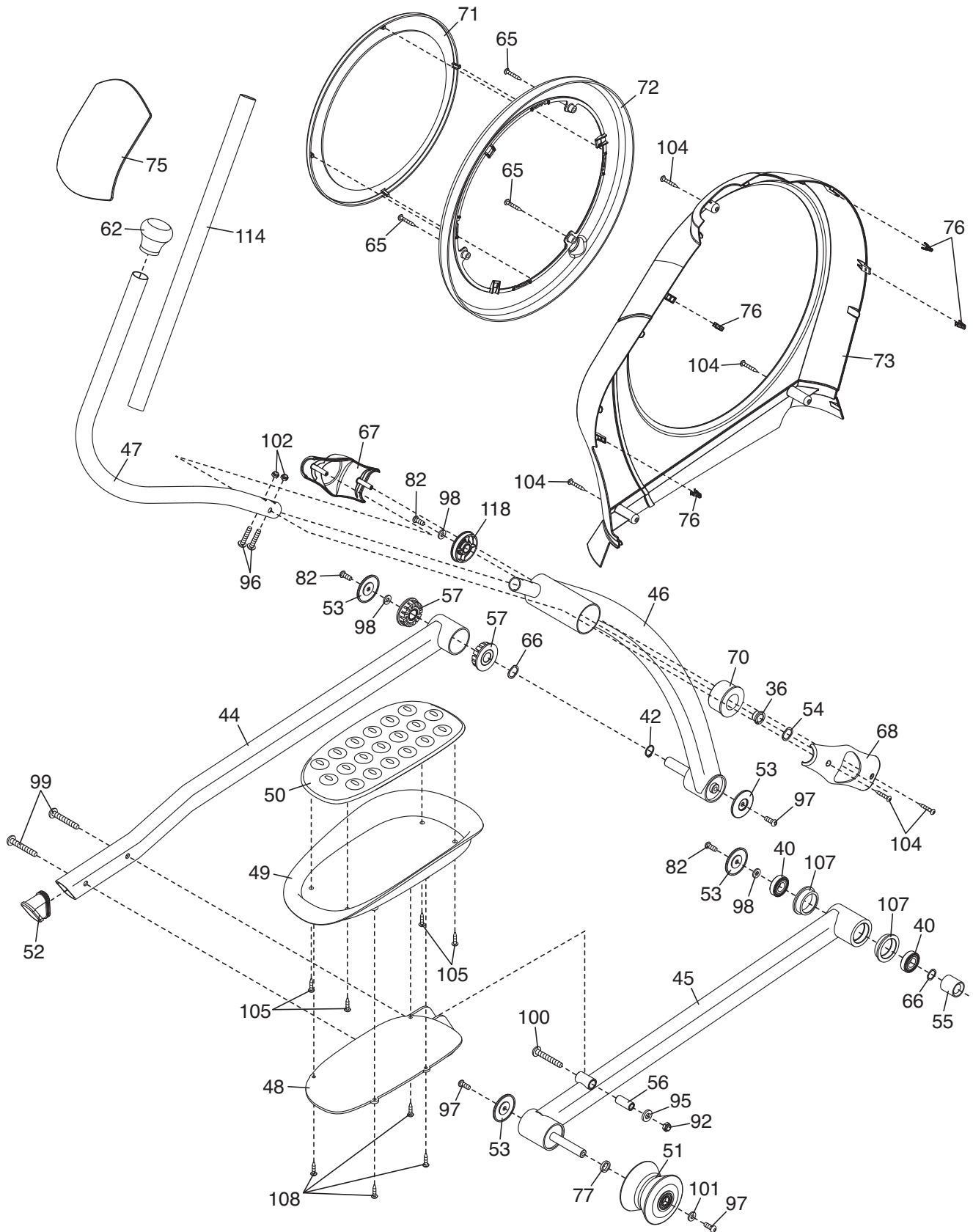
EXPLODED DRAWING A—Model No. PFEL05809.0

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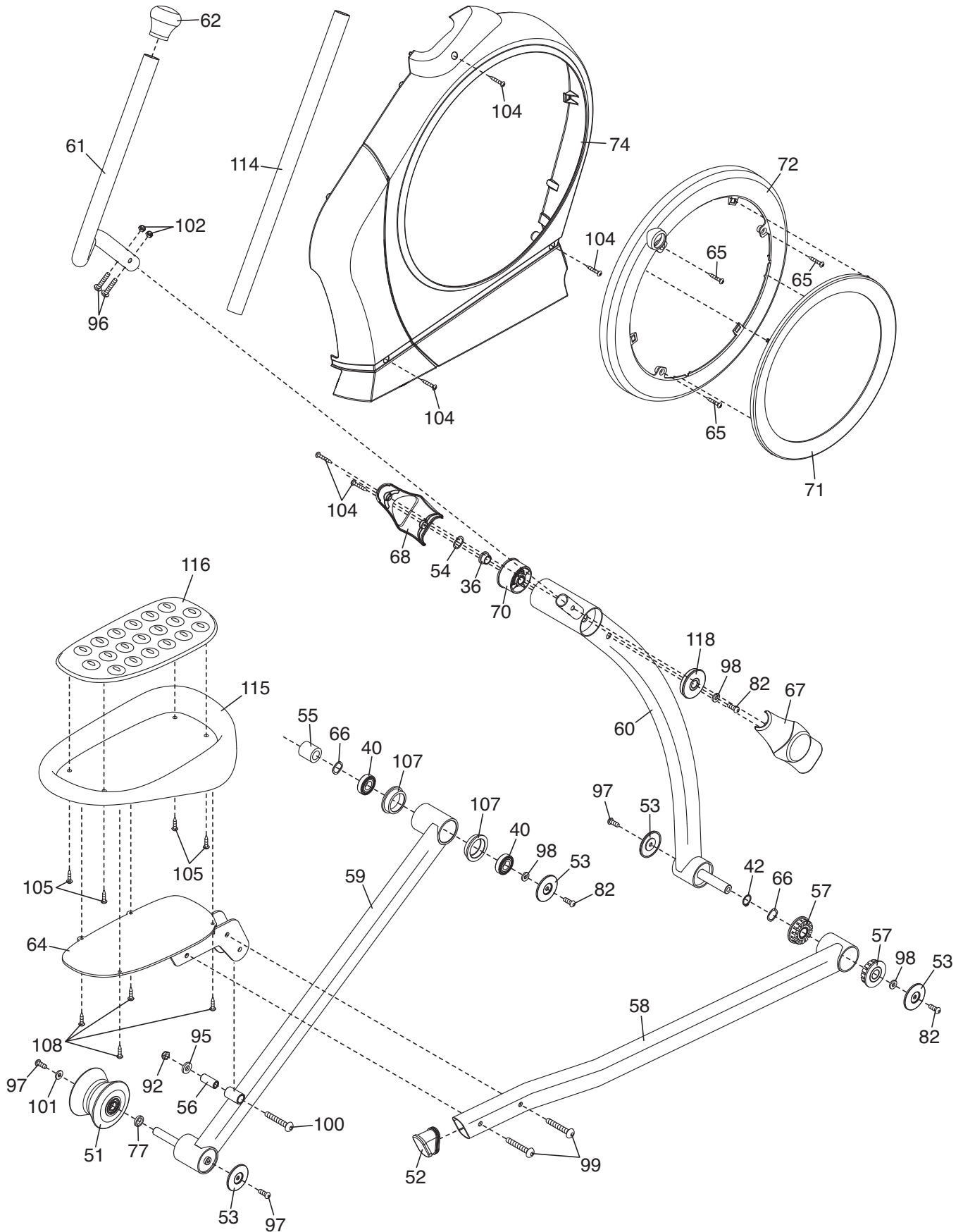
EXPLODED DRAWING B—Model No. PFEL05809.0

R0210A



EXPLODED DRAWING C—Model No. PFEL05809.0

R0210A



ORDERING REPLACEMENT PARTS

To order replacement parts, please see the front cover of this manual. To help us assist you, be prepared to provide the following information when contacting us:

- the model number and serial number of the product (see the front cover of this manual)
- the name of the product (see the front cover of this manual)
- the key number and description of the replacement part(s) (see the PART LIST and the EXPLODED DRAWING near the end of this manual)

LIMITED WARRANTY

IMPORTANT: You must register this product within 30 days of the purchase date to avoid added fees for service needed under warranty. Go to www.proformservice.com/registration.

ICON Health & Fitness, Inc. (ICON) warrants this product to be free from defects in workmanship and material, under normal use and service conditions. The frame is warranted for a lifetime. Parts and labor are warranted for one (1) year from the date of purchase.

This warranty extends only to the original purchaser. ICON's obligation under this warranty is limited to repairing or replacing, at ICON's option, the product through one of its authorized service centers. All repairs for which warranty claims are made must be preauthorized by ICON. If the product is shipped to a service center, freight charges to and from the service center will be the customer's responsibility. For replacement parts shipped while the product is under warranty, the customer will be responsible for a minimal handling charge. For in-home service, the customer will be responsible for a minimal trip charge. This warranty does not extend to any damage to a product caused by or attributable to freight damage, abuse, misuse, improper or abnormal usage, or repairs not provided by an ICON authorized service center; to products used for commercial or rental purposes or as store display models; or to products transported or purchased outside the US. No other warranty beyond that specifically set forth above is authorized by ICON.

ICON is not responsible or liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the product; damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyment or use, or costs of removal or installation; or other consequential damages of whatsoever nature. Some states do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, the above limitation may not apply to you.

The warranty extended hereunder is in lieu of any and all other warranties, and any implied warranties of merchantability or fitness for a particular purpose are limited in their scope and duration to the terms set forth herein. Some states do not allow limitations on how long an implied warranty lasts. Accordingly, the above limitation may not apply to you.

This warranty gives you specific legal rights. You may also have other rights that vary from state to state.

ICON Health & Fitness, Inc., 1500 S. 1000 W., Logan, UT 84321-9813